



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

57538-50

**Date of Issuance:**

6/24/2016

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Unconditional

**Name of Pesticide Product:**

Stimulate Seed Germ Plus

**Name and Address of Registrant (include ZIP Code):**

Stoller Enterprises, Inc.  
 9090 KATY FREEWAY, SUITE 400  
 HOUSTON, TX 77055

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

**Date:**

6/24/2016

2. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 57538-50.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 03/24/2016

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Cody Kendrick of my team by phone at (703) 347-0468 or via email at [kendrick.cody@epa.gov](mailto:kendrick.cody@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# STIMULATE™ SEED GERM PLUS

ACCEPTED

06/24/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 57538-50

**ACTIVE INGREDIENTS:**

Cytokinin (as kinetin) .....	0.005%
Gibberellic acid .....	0.016%
Indole-3-butyric acid.....	0.004%
Indole-3-acetic acid.....	0.004%
<b>OTHER INGREDIENTS:</b> .....	<b>99.971%</b>
<b>Total</b> .....	<b>100.000%</b>

This product contains: 0.001488 grams cytokinin, 0.004762 grams gibberellic acid, 0.001190 grams indole-3-butyric acid, and 0.001190 grams indole-3-acetic acid per fluid ounce.

**CONTAINS NON-PLANT FOOD INGREDIENTS:**

- 0.005% Cytokinin
- 0.016% Gibberellic Acid
- 0.004% Indole-3-butyric Acid
- 0.004% Indole 3-acetic Acid

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

## KEEP OUT OF REACH OF CHILDREN CAUTION

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC web site: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>).</p>	

See additional Precautionary Statements on left panel.

EPA Reg. No. 57538-LN

Read attached label before using.

EPA Est. Nos. 057538-TX-2,  
57538-FL-1, 057538-IA-1**Not for Use in California**

Manufactured By  
**STOLLER ENTERPRISES, INC.**  
 9090 Katy Freeway, Suite 400  
 Houston, Texas 77055 U.S.A.  
 Phone (713) 461-1493 Fax (713) 465-1533  
 Web: [www.stollerusa.com](http://www.stollerusa.com) E-mail: [info@stollerusa.com](mailto:info@stollerusa.com)

**Density:** 8.6 lbs/Gallon or 1.03 kg/Liter

- 1 Quart (2.15 lbs.)    1 Gallon (8.6 lbs.)    2.5 Gallons (21.5 lbs.)    5 Gallons (43 lbs.)  
 30 Gallons (258 lbs.)    55 Gallons (473 lbs.)    275 Gallons (2365 lbs.)  
 4 Liters (4. 21 kg)    10 Liters (10.3 kg)    20 Liters (20.6 kg)    208 Liters (214.24 kg)

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators, mixers, loaders, and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material,
- shoes plus socks, and
- protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should:

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Treat only those seeds needed for immediate use and planting. Do not store excess treated seed beyond planting time. Dispose of all excess treated seed and seed packaging by burial away from streams and bodies of water.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks.

**DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF CHEMIGATION SYSTEM.**

### **MODE OF ACTION**

STIMULATE SEED GERM PLUS is a biostimulant containing plant growth regulators. STIMULATE SEED GERM PLUS enhances plant growth and development by stimulating cell division, cell differentiation and enlargement, nutrient uptake and nutrient utilization. It is compatible with pesticides. STIMULATE SEED GERM PLUS may be applied as a seed treatment prior to planting or as an in furrow application at the time of planting.

**MIXING INSTRUCTIONS:** STIMULATE SEED GERM PLUS is water soluble. Shake STIMULATE SEED GERM PLUS thoroughly and dilute in sufficient water to assure adequate, even coverage without producing excessive runoff. Agitate the spray mixture during application and apply within 12 hours of dilution.

STIMULATE SEED GERM PLUS can be applied tank mixed with most insecticides, fungicides, and herbicides but must be the last addition to the spray mixture. If the tank mix combination has not been used previously, contact a Stoller representative or conduct a jar test to test for compatibility. Use a small jar and mix a small amount of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minute after mixing. To ensure maximum crop safety and product performance, follow all precautions and limitations on this label and labels of products used in the tank mixture.

#### **APPLICATION INSTRUCTIONS**

**Seed Treatment:** Apply 4 ounces of STIMULATE SEED GERM PLUS per one hundred pounds of seed. When possible, apply STIMULATE SEED GERM PLUS at the same time seed is being treated with fungicides, insecticides or other chemicals. Follow the mixing instructions above.

Seed treated with STIMULATE SEED GERM PLUS that is not planted may be used as livestock feed.

**In Furrow Application:** Apply 4 ounces of STIMULATE SEED GERM PLUS in at least 5 gallons of water per acre at the time of planting. Use sufficient water so spray will surround the area around the planted seed.

**VEGETABLES**

Crop	Number of Applications	Furrow Fl oz/acre	Furrow ml/ha	Seed Treat Fl oz/cwt	Seed Treat ml/cwt	Spray Application Timing
Beans	1	4	280	4	280	Apply as a seed treatment before planting or as an in furrow treatment at the time of planting. Use water based seed treatment.
Broccoli	1	4	280	4	280	
Brussel Sprouts	1	4	280	4	280	
Cabbage	1	4	280	4	280	
Cauliflower	1	4	280	4	280	
Corn, Sweet	1	4	280	4	280	
Cucumber	1	4	280	4	280	
Lettuce	1	4	280	4	280	
Melons	1	4	280	4	280	
Onions	1	4	280	4	280	
Peppers	1	4	280	4	280	
Potatoes	1	4	280	4	280	
Squash	1	4	280	4	280	
Tomatoes	1	4	280	4	280	

**FIELD CROPS**

Crop	Number of Applications	Furrow Fl oz/acre	Furrow ml/ha	Seed Treat Fl oz/cwt	Seed Treat ml/cwt	Spray Application Timing
Alfalfa	1	4	280	4	280	Apply as a seed treatment before planting or as an in furrow treatment at the time of planting. Use water based seed treatment.
Barley	1	4	280	4	280	
Beets, Sugar	1	4	280	4	280	
Canola	1	4	280	4	280	
Corn	1	4	280	4	280	
Cotton	1	4	280	4	280	
Oats	1	4	280	4	280	
Grasses	1	4	280	4	280	
Peanuts	1	4	280	4	280	
Rice	1	4	280	4	280	
Sorghum	1	4	280	4	280	
Soybeans	1	4	280	4	280	
Tobacco	1	4	280	4	280	
Wheat	1	4	280	4	280	

NOTICE: STIMULATE SEED GERM PLUS IS NOT A FERTILIZER. USE IN COMBINATION WITH A GOOD FERTILIZER PROGRAM WHERE INDICATED.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Do not store in direct sunlight. Avoid freezing temperatures.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** [Use label language appropriate for container size and type.]

**Nonrefillable container.** Do not reuse or refill this container. Clean container promptly after emptying.

**Nonrefillable container equal to or less than 5 gallons.** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 120 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable container greater than 5 gallons.** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300**

**WARRANTY STATEMENT:** To the fullest extent permitted by law, Stoller Enterprises, Inc. warrants that the product conforms to the description on the label and is reasonably fit for the purposes set forth on the label, when used according to directions under normal use conditions. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.